

FORM PTO/SB/08A/B (10-01)  
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Attorney Docket Number	36789/RRT/B600
Application Number	09/692,554
Filing Date	October 19, 2000
Applicant(s)	Wilf LeBlanc, et al.
Group Art Unit	2151
Examiner Name	Not Yet Assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	CITE NO. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
(W)		5,491,565	02-13-1996	Naper
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				FEB 20 2004
				Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	CITE NO. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	T <sup>6</sup> ( <input checked="" type="checkbox"/> )

**OTHER DOCUMENTS**

EXAMINER INITIALS	CITE NO. <sup>1</sup>	INCLUDE NAME OF THE AUTHOR (IN CAPITAL LETTERS), TITLE OF THE ARTICLE, TITLE OF THE ITEM (BOOK, MAGAZINE, JOURNAL, SERIAL, SYMPOSIUM, CATALOG, ETC.), DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, CITY AND/OR COUNTRY WHERE PUBLISHED.

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Sheet 1 of 1

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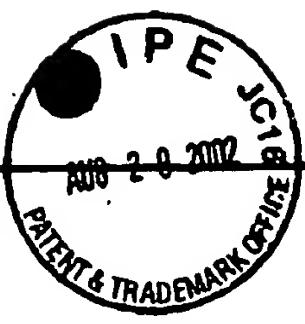
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AK		6,028,679	02-22-2000	Murphy

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NAME OF PATENTEE

Whittaker

Jones et al.

Schuster et al.

Gringeri et al.

Jain

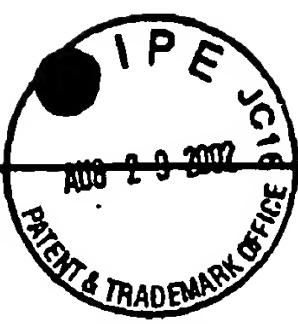
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EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY
✓		WO 97/26753 A1	07-24-1997

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EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		R. W. LUCKY, <i>QAM Receiver I. General Description of Complete Receiver Block Diagram and Details of the Symbol Clock Recovery and Other Front-End Subsystems</i> , Applications of Communications Theory, Chapter 13, pages 127-135, Bellcore	
		R. W. LUCKY, <i>QAM Receiver II. The Passband Adaptive Equalizer and Carrier Recovery System</i> , Applications of Communications Theory, Chapter 14, Pages 137-151, Bellcore	
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		EDWARD A. LEE et al., <i>Timing Recovery</i> , Digital Communication, Chapter 15, Pages 560-582	

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		WILLIAM WEBB et al., <i>Basic Equaliser Techniques, Modern Quadrature Amplitude Modulation, Principles and Applications for Fixed and Wireless Communications</i> , IEEE Press, New York, Chapter 7, Pages 197-211
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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, <i>General Aspects of Digital Transmission Systems, Terminal Equipments, 7 kHz Audio -Coding Within 64 Kbit/s</i> , ITU Recommendation; G. 722; © ITU 1988, 1993; 76 sheets

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		Group Art Unit SEP 04 2002	2151
		Examiner Name Technology Center 2100	To be Assigned RECEIVED

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		OTHER DOCUMENTS	
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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, <del>Data Communication Over the Telephone Network, 300 Bits Per Second Duplex Modem Standardized For Use in The General Switched Telephone Network, ITU-T Recommendation V. 21; © ITU 1988, 1993; 7 sheets</del>	
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Group Art **Technology Center 2600** 2151

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### OTHER DOCUMENTS

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		<b>PANOS E. PAPAMICHALIS</b> , Texas Instruments, Inc., <i>Practical Approaches to Speech Coding</i> , Prentice-Hall, Inc., Englewood Cliffs, New Jersey; 1992, pages 163-167
		<b>JAMES THI</b> et al., AT & T Bell Laboratories, <i>A Broadband Pseudo-Cascade Active Control System</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing; © 1992 IEEE; pp. II-233-II-236
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		<b>INTERNATIONAL TELECOMMUNICATION UNION</b> , ITU-T Telecommunication Standardization Sector of ITU, <i>General Characteristics of International Telephone Connections and International Telephone Circuits, Echo Cancellers</i> , ITU-T Recommendation G. 165; © ITU 1994; 31 sheets
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FORM PTO/SB/08A/B (10-01)  
Substitute for PTO-1449A/B



## INFORMATION DISCLOSURE

### STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	36789/PAN/B600
Application Number	09/692,554
Filing Date	RECEIVED October 19, 2000
Applicant(s)	SEP 04 2002 Wilf Le Blanc et al.
Group Art U	Technology Center 260051
Examiner Name	To be Assigned

### OTHER DOCUMENTS

EXAMINER INITIALS	CITE NO. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>PD</i>		INTERNATIONAL TELECOMMUNICATION UNION ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, <i>Coding of Speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP)</i> ; ITU-T Recommendation G.729; © ITU 1996; 38 sheets
<i>PD</i>		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T- Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, <i>Procedures for Document Facsimile Transmission in the General Switched Telephone Network</i> , ITU-T Recommendation T. 30; © ITU 1997; 74 sheets
<i>BB</i>		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, <i>Standardization of Group 3 Facsimile Terminals for Transmission</i> , ITU-T Recommendation T. 4; © ITU 1997; 61 sheets
<i>PD</i>		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals By Methods Other Than PCM, <i>Dual Rate Speech Coder for Multimedia Communications Transmitting at 5.3 and 6.3 kbit/s, Annex A: Silence Compression Scheme</i> ; ITU-T Recommendation G.723.1 - Annex A; © ITU 1997; 22 sheets
<i>PD</i>		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals by Methods Other Than PCM, "Coding of Speech at 8 kbit/s Using Conjugate Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP), Annex B: A Silence Compression Scheme For G.729 Optimized for Terminals Conforming to Recommendation V.70, ITU-T Recommendation G.729 - Annex B; © ITU 1997; 23 sheets

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Application Number	09/692,554
Filing Date	October 19, 2000
Applicant(s)	Wilf Le Blanc et al.
Group Art Unit	2151
Examiner Name	To be Assigned

## OTHER DOCUMENTS

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<i>W</i>		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals by Methods Other Than PCM, <i>Coding of Speech at 8 kbit/s Using Conjugate Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP) Annex A: Reduced Complexity 8 kbit/s CS-ACELP Speech Codec</i> , ITU-T Recommendation G.729 - Annex A; © ITU 1997; 15 sheets
<i>W</i>		European Telecommunication Standard, <i>Digital Cellular Telecommunications System; Half Rate Speech; Voice Activity Detector (VAD) for Half Rate Speech Traffic Channels (GSM 06.42 version 5.0.1)</i> ; Source ETS; TC-GSM; Reference DE/SMG-110642Q; ©1997; 21 sheets
<i>W</i>		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T, Telecommunication Standardization Sector of ITU, Series I: Integrated Services Digital Network, Overall Network Aspects and Functions - Protocol Layer Requirements, <i>B-ISDN ATM Adaptation Layer Specification: Type 2 AAL</i> , ITU-T Recommendation I.363.2; © 1998; 47 sheets
<i>W</i>		Internet Papers: PERKINS et al.; <i>RTP Payload for Redundant Audio Data</i> ; Network Working Group Request for Comments: 2198; <a href="http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc2198.html">http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc2198.html</a> ; September 1997; pages 1-9
<i>W</i>		Internet Papers: SCHULZINNE, "RTP Profile for Audio and Video Conferences with Minimal Control," Internet Engineering Task Force, Internet Draft; <a href="http://hegel.ittc.ukans.edu/topics/internet/internet-drafts/draft-i/draft-ietf-avt-profile-new-C..">http://hegel.ittc.ukans.edu/topics/internet/internet-drafts/draft-i/draft-ietf-avt-profile-new-C..</a> ; November 20, 1997; pages 1-29
<i>W</i>		IMTC Voice over IP Forum Technical Committee, "IMTC Voice over IP Forum Service Interoperability Implementation Agreement 1.0," December 1, 1997, VoIP97-061; pages 1-44
<i>W</i>		EDWARD B. MORGAN, Fax Over Packet; Telogy Networks, Inc., Germantown, Maryland; © 1998; pages 1-12

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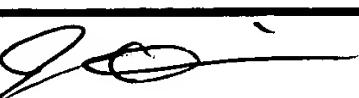
FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B		Attorney Docket Number	36789/PAN/B600
<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/692,554
		Filing Date	October 19, 2000
		Applicant(s)	Wilf Le Blanc et al.
		Group Art Unit	2151
		Examiner Name	To be Assigned

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✓		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over The Telephone Network, <i>A Modem Operating at Data Signalling Rates of up to 33 600 bit/s for Use on the General Switched Telephone Network and on Leased Point-to-Point 2-Wire Telephone-Type Circuits</i> ; ITU-T Recommendation V. 34; © ITU 1998; 78 sheets
✓		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, SERIES T: TERMINALS FOR TELEMATIC SERVICES, <i>Procedures for Real Time Group 3 Facsimile Communication Over IP Networks</i> , ITU-T Pre-published Recommendation T. 38; © ITU 1998; 32 sheets
✓		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over the Telephone Network, Simultaneous Transmission of Data and Other Signals, <i>A Digital Modem and Analogue Modem Pair For Use on the Public Switched Telephone Network (PSTN) at Data Signalling Rates of up to 56 000 bit/s Downstream and up to 33 600 bit/s Upstream</i> , ITU-T Recommendation V. 90; © ITU 1999; 49 sheets
✓		FRAME RELAY FORUM TECHNICAL COMMITTEE, <i>Voice over Frame Relay Implementation Agreement</i> ; © 1998; 54 sheets
✓		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series I: Integrated Services Digital Network, Overall Network Aspects and Functions - Protocol Layer Requirements, <i>AAL Type 2 Service Specific Convergence Sublayer For Trunking</i> ; ITU-T Recommendation I.366.2; © ITU 1999; 96 sheets
✓		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, <i>Automatic Level Control Devices</i> ; ITU-T Recommendation G.169; © ITU 1999; pages 1-52

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B		Attorney Docket Number	36789/PAN/B600
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/692,554
		Filing Date	October 19, 2000
		Applicant(s)	Wilf Le Blanc et al.
		Group Art Unit	2151
		Examiner Name	To be Assigned

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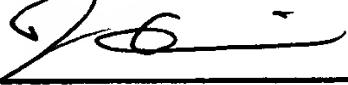
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OTHER DOCUMENTS		
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		Internet Papers: SCHULZRINNE et al.; <i>RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals</i> ; Network Working Group Request for Comments: 2833; © The Internet Society 2000; 31 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, International Telephone Connections and Circuits - Apparatus Associated With Long-Distance Telephone Circuits, <i>Digital Network Echo Cancellers</i> ; ITU-T Recommendation G. 168; © ITU 1997; 95 sheets
		ETSI EN 300 973, GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS, <i>Digital cellular telecommunications system (Phase 2+); Half-rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels</i> ; GSM 06.42 version 8.0.1 Release 1999; © 2000; pages 1-22

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FORM PTQ-1449

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Attorney Docket Number	36789/CAG/B600
Application Number	09/692,554
Filing Date	October 19, 2000
Applicant(s)	Wilf LeBlanc
Group Art Unit	2151
Examiner Name	To be assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SL</i>	5,119,322	06/1992	Stroobach	364	724.09	
<i>SL</i>	5,353,346	10/1994	Cox et al.	379	386	
<i>SL</i>	5,535,271	07/1996	Jangi et al.	379	351	
<i>SL</i>	5,694,517	12/1997	Sugino et al.	395	2.17	
<i>SL</i>	5,818,929	10/1998	Yaguchi	379	418	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>SL</i>	WO 97/28628	08/1997	WIPO				

**OTHER DOCUMENTS**

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Recommendations on Telephone Switching and Signalling, International Automatic and Semi-Automatic Working, "Multifrequency Push-button Signal Reception," ITU-T Recommendation, 1988, 1993, 7 pages, Q.24, ITU <span style="float: right;">RECEIVED NO COPY</span>

AUG 07 2001

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FORM PTO-1449

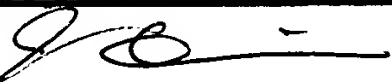
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	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, <u>GENERAL RECOMMENDATIONS ON TELEPHONE SWITCHING AND SIGNALLING, INTERNATIONAL AUTOMATIC AND SEMI-AUTOMATIC WORKING, "Technical Features of Push-Button Telephone Sets,"</u> ITU-T Recommendation (Extract from the Blue Book), 1988, 1993, 4 pages, Q.23, ITU
	<u>BELLCORE Bell Communication Research, Generic Requirements GR-506-CORE, "LSSGR: Signaling for Analog Interfaces,"</u> (A Module of LSSGR, FR-64, 06/1996, 240 pages, Issue 1, Bellcore)
	<u>BELL COMMUNICATIONS RESEARCH, "Impulse Noise Tape No. 201,"</u> July 1987, 4 pages, Technical Reference TR-TSY-000762 Issue 1, Bell Communications Research, Inc. (Bellcore)
	<u>BELL COMMUNICATIONS RESEARCH, "Digit Simulation Test Tape,"</u> July 1987, 6 pages, Technical Reference TR-TSY-000763 Issue 1, Bell Communications Research, Inc. (Bellcore)
	<u>BELL COMMUNICATIONS RESEARCH, "Dual-Tone Multifrequency Receiver Generic Requirements for End-to-End Signaling Over Tandem-Switched Voice Links,"</u> March 1987, 11 pages, Technical Reference TR-TSY-000181 Issue 1, Bell Communications Research, Inc. (Bellcore)
	<u>EIA/TIA-464-B, Requirements for Private Branch Exchange (PBX) Switching Equipment, "6 Signaling Requirements, 6.1 Network Signaling - Analog,"</u> pages 140-146

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